



## Center for Professional Development

### Introduction to Digital Audio Production and Sound Design

The objective of this course is to introduce students to the principles and practical techniques used in sound engineering and design.

Students will be given hands-on instruction in computer recording techniques and various software applications used to create their own compositions, music or film score. The aim is for each student to have a finished piece of recorded work by the end on the course.



#### Topics covered would include:

- 1) Basics of Multitrack Recording
- 2) Music composition arrangement and instrumentation
- 3) Elements of Sound design for Film and TV
- 4) Computer-based Audio Production Systems;
- 5) Introduction to recording equipment, microphone recording techniques, monitors & amplifiers, FX processing.
- 6) Introduction to MIDI/Audio editing and use of sample libraries
- 7) Recording and production of musical instruments and vocals;
- 8) Mixdown engineering, monitoring, mastering and analysis of final mixes

**Dates:** Mondays (6 week sessions)

- September 12<sup>th</sup> – October 17<sup>th</sup>, 2011
- November 7<sup>th</sup> – December 12<sup>th</sup>, 2011

**Time:** 10:00am- 1:00pm

**Cost:** \$260

**Location:** Edison State College, Lee Campus, room to be announced

**Instructor:** Donnacha O Donnell has a Bachelors Degree in Mathematics from University College Dublin (Ireland), and is a Master's graduate in Music and Media Technology from Trinity College Dublin (Ireland), where he has also lectured. An accomplished musician and guitarist, he has worked as a session player and sound engineer in both New York and Los Angeles for the past 15 years. His other passion as a guitar maker and vintage restoration expert can give students a unique insight into the recording of guitars and stringed instruments in general.

**Seats are limited, so register today!**  
**Advance registration and payment is required**  
**For registration form and information, call 239-489-9235, email**  
**[celee@edison.edu](mailto:celee@edison.edu) OR download from [www.edison.edu/lee/ce](http://www.edison.edu/lee/ce)**

**Requests for refund one week prior to the first class meeting will be granted. If you have a Higher One card through Edison the refund will be transferred to your Higher One Account. Due to the short-term nature of most Continuing Education programs, refunds will not be granted on or after the first class meeting.**